

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A multimedia information generation apparatus for generating multimedia information including at least one two-dimensional image data or character information and at least two three-dimensional image data based on a plurality of viewpoints enabling stereoscopic vision, said multimedia information generation apparatus comprising:

a control information generation unit ~~capable of~~ generating, based on an input parameter, three-dimensional image display control information necessary for converting said three-dimensional image data for enabling stereoscopic vision for a plurality of three-dimensional display schemes; and

a multimedia information generation unit generating said multimedia information constituted of said at least one two-dimensional image data or character information and said at least two three-dimensional image data, said control information including control information for said plurality of three-dimensional display schemes, and header information necessary for reproducing data, and

said control information generation unit generating identification data for identifying said at least two three-dimensional image data and including said identification data in said three-dimensional image display control information, and only one said identification data being provided for said at least two three-dimensional image data.

2. (Canceled).

3. (Previously Presented) The multimedia information generation apparatus according to claim 1, wherein said identification data is provided for the whole of said at least two three-dimensional image data.

4. (Canceled).

5. (Currently Amended) The multimedia information generation apparatus according to claim 1, wherein

an identifier for identifying ~~each of at least~~ said two dimensional image data and an identifier for identifying said at least two three-dimensional image data is set in advance, and

said identification data includes said identifier of said at least two three-dimensional image data.

6. (Canceled).

7. (Canceled).

8. (Previously Presented) The multimedia information generation apparatus according to claim 5, wherein

a predetermined value of said identifier indicates that all image data included in said multimedia information are three-dimensional image data.

9. (Canceled).

10. (Currently Amended) A multimedia information reproduction apparatus for reproducing multimedia information generated by a multimedia information generation apparatus, said multimedia information generation apparatus generating said multimedia information constituted of at least one two-dimensional image data or character information and at least two three-dimensional image data, three-dimensional image display control information, and header information necessary for reproducing data, said three-dimensional image display control information supporting a plurality of three-dimensional display schemes, said multimedia information reproduction apparatus comprising:

a generation unit generating three-dimensional image data from said two-dimensional image data;

a first synthesis unit synthesizing said three-dimensional image data generated by said generation unit and three-dimensional image data included in said multimedia information; and

data conversion unit converting said synthesized three-dimensional image data, using a subset of the three-dimensional display control information for based on a three-dimensional display scheme selected from among said plurality of types of three-dimensional display schemes, supported by the three-dimensional image display control information into a format of a selected three-dimensional display scheme of said plurality of three-dimensional display schemes.

11. (Previously Presented) The multimedia information reproduction apparatus according to claim 10, further comprising a second synthesis unit synthesizing a plurality of two-dimensional image data, wherein

said generation unit generates the three-dimensional image data from the two-dimensional image data synthesized by said second synthesis unit.

Claims 12 - 13 (Canceled).

14. (Previously Presented) A multimedia information reproduction apparatus for reproducing multimedia information generated by the multimedia information generation apparatus as recited in claim 1, said multimedia information reproduction apparatus comprising:

a page data decoding unit decoding graphic and character information included in said multimedia information to obtain page image data;

a 2D/3D conversion unit converting said page image data into three-dimensional image data; and

a first synthesis unit synthesizing the three-dimensional image data generated by said 2D/3D conversion unit and three-dimensional image data included in said multimedia information.

Claims 15-21. (Canceled).

22. (Previously Presented) The multimedia information reproduction apparatus according to claim 14, further comprising a second synthesis unit synthesizing a plurality of two-dimensional image data, wherein said 2D/3D conversion unit converts the two-dimensional image data synthesized by said second synthesis unit into three-dimensional image data.

23. (Previously Presented) The multimedia information reproduction apparatus according to claim 14 or 22, wherein

a first font image and a second font image corresponding to character information are provided, and

said first font image is used when the character information is three-dimensionally displayed, and said second font image is used when the character information is two-dimensionally displayed.

24. (Previously Presented) The multimedia information reproduction apparatus according to claim 23, wherein said page data decoding unit uses said first or second font image to obtain the page image data.

25. (Previously Presented) The multimedia information reproduction apparatus according to claim 23, wherein said 2D/3D conversion unit uses said first or second font image to obtain the three-dimensional image data.

26. (Previously Presented) The multimedia information reproduction apparatus according to claim 24 or 25, further comprising:

a font image storage unit storing said first font image and said second font image; and
a switch selecting said first font image or said second font image.

27. (Previously Presented) The multimedia information reproduction apparatus according to claim 24 or 25, further comprising a font conversion unit converting the second font image into the first font image.

28. (Previously Presented) The multimedia information reproduction apparatus according to claim 23, wherein said first font image is comprised of a plurality of pieces of light/dark information and arranged so that apparent character thickness is thin.